

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072624\  
 Data File : VV036715.D  
 Acq On : 25 Jul 2024 18:19  
 Operator : SY/MD  
 Sample : P3328-18  
 Misc : 8.54g/10mL/MSVOA\_V/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E20M3

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/26/2024  
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:02:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 00:49:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 281737     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 258582     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 97078      | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 34606      | 11.215    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 44.840%   |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 39989      | 14.348    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 57.400%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 18501      | 11.339    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 45.360%   |       |          |
| 21) 2-Butanone-d5             | 3.841          | 46   | 57889m     | 80.386    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 160.780%# |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 128207     | 17.206    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 68.840%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 72013      | 19.590    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 78.360%   |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 181234     | 14.788    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 59.160%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 66727      | 19.109    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 76.440%   |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 136168     | 11.643    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 46.560%   |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 26374      | 16.990    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 67.960%   |       |          |
| 47) 2-Hexanone-d5             | 8.034          | 63   | 33257      | 71.564    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 143.120%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 90630      | 29.778    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 119.120%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 69524      | 20.516    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 82.080%   |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 16) Methylene chloride        | 2.442          | 84   | 53452      | 10.197    | ug/L  | 94       |
| 20) cis-1,2-Dichloroethene    | 3.822          | 96   | 7919       | 1.727     | ug/L  | 94       |
| 34) Trichloroethene           | 5.834          | 95   | 44678      | 9.297     | ug/L  | 97       |
| -----                         |                |      |            |           |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

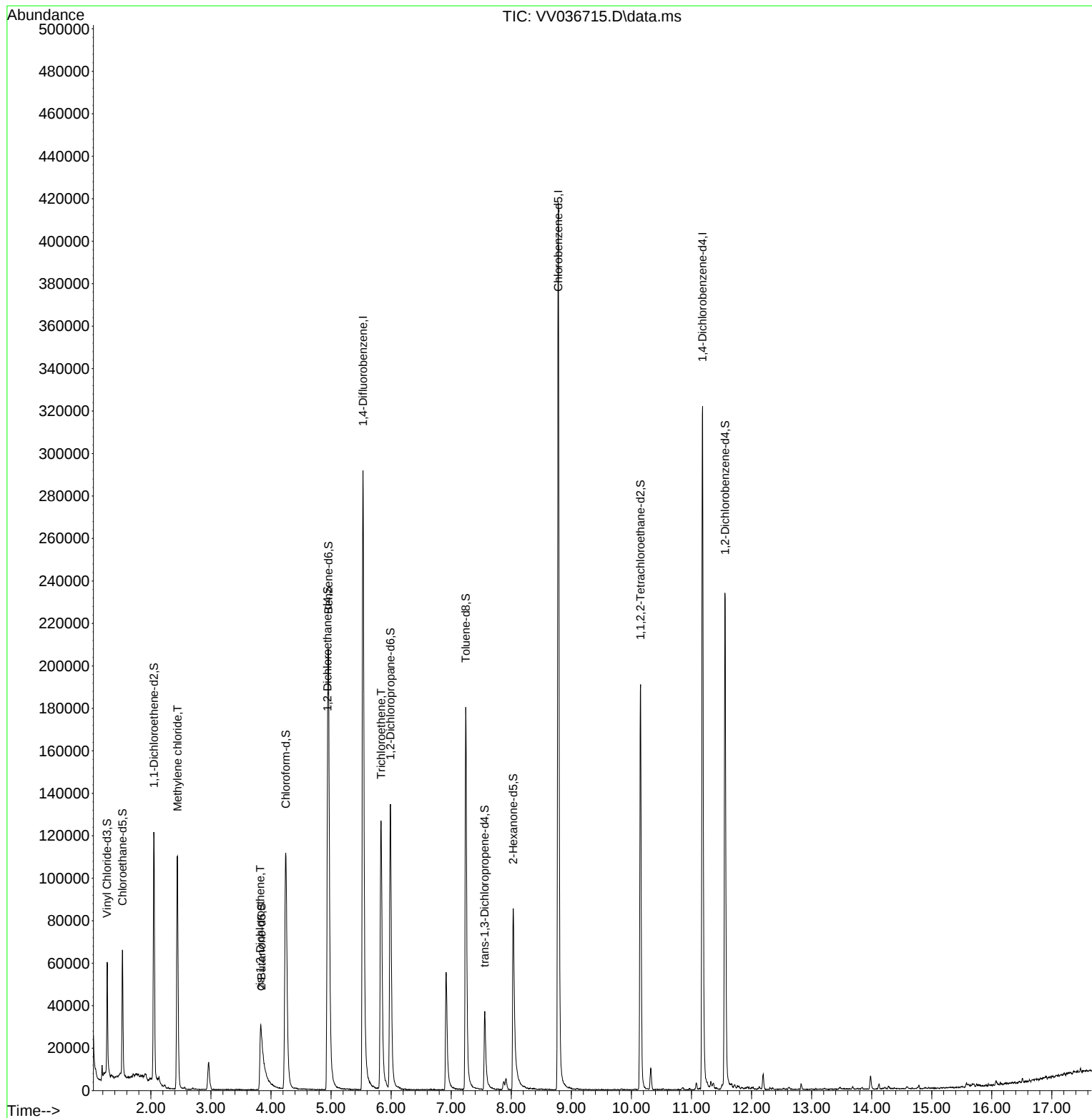
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072624\  
Data File : VV036715.D  
Acq On : 25 Jul 2024 18:19  
Operator : SY/MD  
Sample : P3328-18  
Misc : 8.54g/10mL/MSVOA\_V/SOIL/A  
ALS Vial : 21 Sample Multiplier: 1

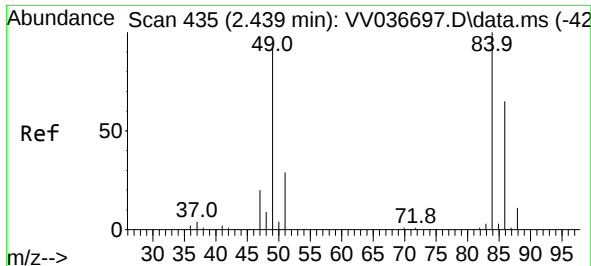
Instrument :  
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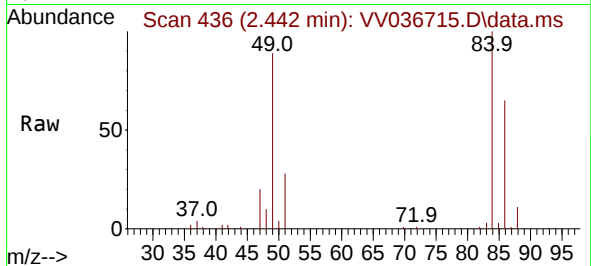
Quant Time: Jul 26 05:02:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 25 00:49:57 2024  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 10.197 ug/L  
RT: 2.442 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV036715.D  
Acq: 25 Jul 2024 18:19

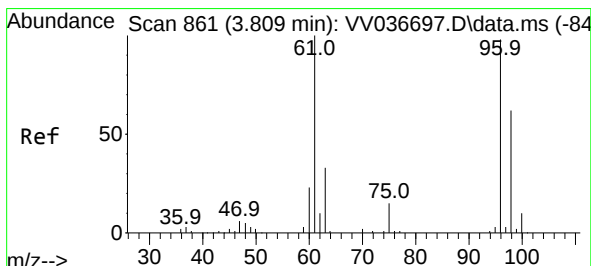
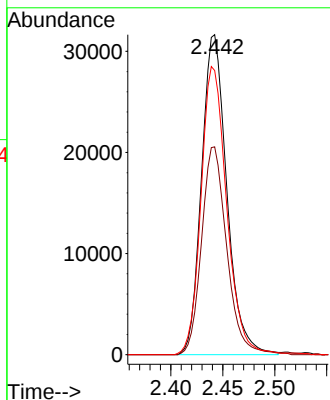
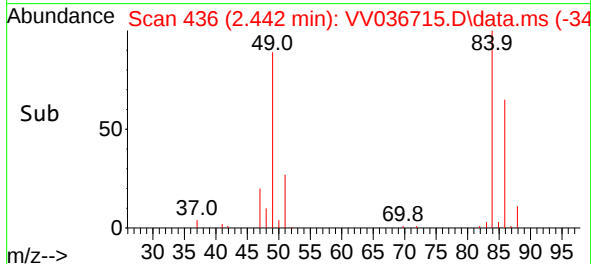
Instrument :  
MSVOA\_V  
ClientSampleId :  
E20M3



Tgt Ion: 84 Resp: 5345  
Ion Ratio Lower Upper  
84 100  
86 64.9 47.2 87.6  
49 88.8 67.3 125.1

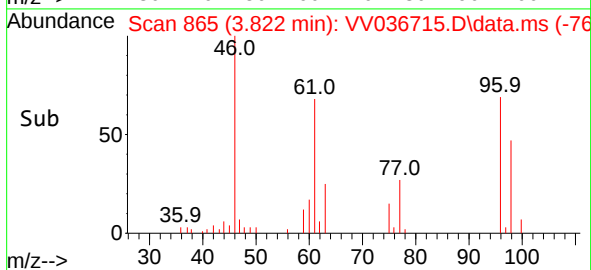
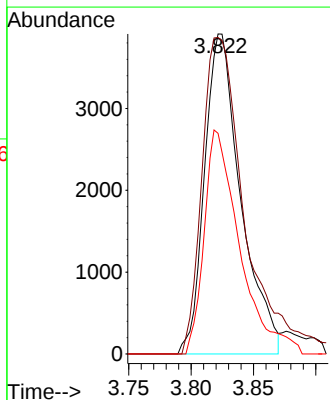
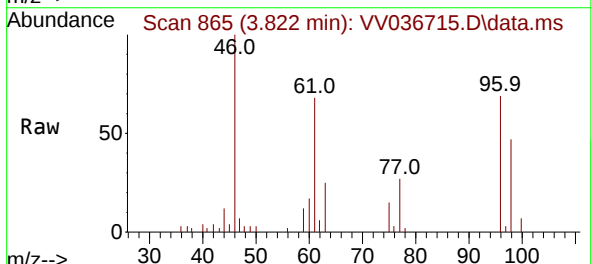
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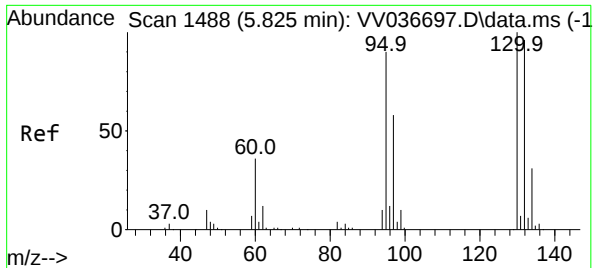
Reviewed By :Romaben Patel 07/26/2024  
Supervised By :Mahesh Dadoda 07/26/2024



#20  
cis-1,2-Dichloroethene  
Concen: 1.727 ug/L  
RT: 3.822 min Scan# 865  
Delta R.T. 0.016 min  
Lab File: VV036715.D  
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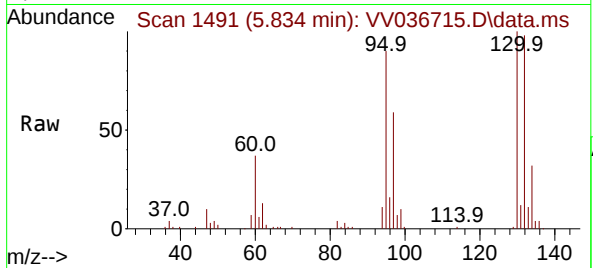
Tgt Ion: 96 Resp: 7919  
Ion Ratio Lower Upper  
96 100  
61 98.9 73.0 135.6  
98 69.0 44.8 83.2





#34  
 Trichloroethene  
 Concen: 9.297 ug/L  
 RT: 5.834 min Scan# 1488  
 Delta R.T. 0.010 min  
 Lab File: VV036715.D  
 Acq: 25 Jul 2024 18:19

Instrument :  
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 ClientSampleId :  
 E20M3



Tgt Ion: 95 Resp: 44678  
 Ion Ratio Lower Upper  
 95 100  
 97 65.1 45.1 83.7  
 132 109.0 72.7 134.9  
 130 110.9 76.0 141.2

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